*Figure 438: Warning that a document contains macros*
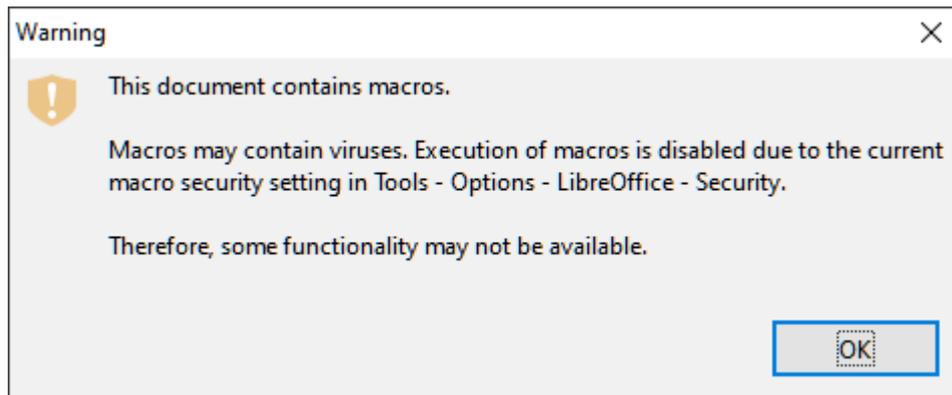

*Figure 439: Warning that macros in the document are disabled*

## Loaded / unloaded libraries

When it opens a spreadsheet, Calc does not open all macro libraries that it can find in the available library containers because this would be a waste of resources. Instead Calc automatically loads just the *Standard* library within the *My Macros* library container and the document's own *Standard* library. No other libraries are automatically loaded.

When you re-open your CalcTestMacros.ods spreadsheet, Calc does not contain a function named *NumberFive()*, so it checks all visible, loaded macro libraries for the function. Loaded libraries in *LibreOffice Macros*, *My Macros*, and the document are checked for an appropriately named function. In our initial implementation, the *NumberFive()* function is stored in the *AuthorsCalcMacros* library, which is not automatically loaded when the document is opened. Hence the *NumberFive()* function is not found and an error condition appears in the cell where it is called (Figure 440).
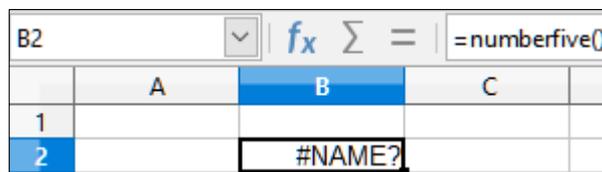

*Figure 440: The macro function is not available*

Use **Tools > Macros > Organize Macros > Basic** on the Menu bar to open the Basic Macros dialog (Figure 441). The icon for a loaded library (for example, *Standard*) has a different appearance to the icon for a library that is not loaded (for example, *AuthorsCalcMacros*).

Click the expand icon next to *AuthorsCalcMacros* to load the library. The icon changes appearance to indicate that the library is now loaded. Click **Close** to close the Basic Macros dialog.